

**MULTIPLE MASTER DIGITAL ADDRESSABLE LIGHTING
INTERFACE (DALI) SYSTEM, METHOD AND APPARATUS**

ABSTRACT OF THE DISCLOSURE

A Digital Addressable Lighting Interface (DALI) master and DALI control bus
5 power supply in combination with at least one DALI sub-master are connected to a single
DALI control bus. The single DALI control bus may have a plurality of DALI slave
devices, e.g., luminaries connected thereto and disbursed throughout a plurality of offices
and/or rooms. The DALI master and the at least one DALI sub-master allow local
control of the lighting in each office or room while maintaining the simplicity and cost
10 effectiveness of a single DALI control bus system. Collision of commands sent
simultaneously by two or more DALI masters may be detected and the corrupted
commands retransmitted.